



Materials Inspection Report

1. Licensee/Location Inspected:

SSM Health St. Mary's Hospital - St. Louis
6420 Clayton Rd.
St. Louis, MO 63117
(Locations Inspected: 6420 Clayton & 1027 Bellevue)

Report Number(s) 2022001

2. NRC/Regional Office

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. Docket Number(s)

030-02351

4. License Number(s)

24-08960-02

5. Date(s) of Inspection

October 24, 2022

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:



1. Based on the inspection findings, no violations were identified.



2. Previous violation(s) closed.



3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.

(Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Jason Draper, Health Physicist	Jason D. Draper <small>Digitally signed by Jason D. Draper Date: 2022.11.21 11:01:53 -06'00'</small>
BRANCH CHIEF	Rhex A. Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2022.11.22 14:12:39 -06'00'</small>



Materials Inspection Record

1. Licensee Name: SSM Health St. Mary's Hospital - St. Louis		2. Docket Number(s): 030-02351		3. License Number(s) 24-08960-02	
4. Report Number(s): 2022001			5. Date(s) of Inspection: October 24, 2022		
6. Inspector(s): Jason Draper		7. Program Code(s): 02230		8. Priority: 2	9. Inspection Guidance Used: IPs 87132, 87130
10. Licensee Contact Name(s): Wallace Fuhrman, RSO		11. Licensee E-mail Address: wally.fuhrman@ssmhealth.com		12. Licensee Telephone Number(s): (314) 989-2219	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Non-Routine <input type="checkbox"/> Initial <input type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Hybrid <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 10/24/2024 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: 6420 Clayton Rd 1027 Bellevue, Ste. 200					
17. Scope and Observations: <p>This was an inspection of a hospital authorized to use byproduct material for medical uses permitted by 10 CFR 35.100, 35.200, 35.300, and 35.600. The main hospital nuclear medicine department was staffed with two full-time nuclear medicine technologists (NMTs) who performed diagnostic administrations of radiopharmaceuticals (primarily technetium-99m (Tc-99m)) to approximately 3-6 patients daily, Monday through Friday, as well as approximately 6-8 iodine-131 thyroid treatments annually. The licensee's radiation oncology department was staffed with an oncologist and an authorized medical physicist (AMP) who performed gynecological HDR treatments on approximately 35 patients per year. The licensee's outpatient cardiology clinic was staffed with one NMT who performed Tc-99m administrations for cardiac stress tests on approximately 3-4 patients per day, Monday through Friday.</p> <p>During the inspection, the inspector toured the licensee's nuclear medicine department and radiation oncology department at the main hospital location as well as the cardiology clinic at the field office location. At the nuclear medicine and cardiology areas, the inspector observed an NMT prepare and administer one Tc-99m dosage for a cardiac stress test. The inspector also observed an NMT perform package check-in activities and demonstrate dose calibrator and well counter daily checks. The inspector interviewed the NMTs with regard to area surveys and contamination wipes, spill and contamination control procedures, and waste handling and disposal. The inspector also reviewed a sample of records including written directives, surveys, dosimetry, and radiation safety program reviews.</p> <p>In the radiation oncology area, there were no patients scheduled during the inspection, so the inspector interviewed the AMP regarding HDR treatments and use of the HDR device. The inspector observed the security of the device and its control console as well as the AMPs demonstration of daily spot checks, emergency equipment and procedures, surveys, and interlocks. The Inspector also reviewed a sample of written directives and treatment plans to verify treatments went according to the written directive.</p> <p>No violations of NRC requirements were identified as a result of this inspection.</p>					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief



 Digitally signed by Rhex A. Edwards
Date: 2022.11.22 14:13:36 -06'00'

From: [Jason Draper](#)
To: wally.fuhrman@ssmhealth.com
Subject: NRC 591M - SSM Health St. Mary's Hospital - St. Louis
Date: Wednesday, November 23, 2022 7:39:00 AM
Attachments: [NRC 591M - SSM St. Mary's St. Louis jd \(002\) RAE.pdf](#)

Wally,

As we discussed following my inspection, attached is the inspection report for the routine NRC inspection that was performed of your facilities in St. Louis, Missouri, on October 24, 2022. Please review and keep this document for your records. There is no response required, though I would appreciate an email confirming that you have received the document. Let me know if you have any questions.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Jason Draper

Health Physicist (Inspector)
NRC / Region III / DRSS / MIB
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